



FEMA



Prepared by:
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Wednesday, May 23, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- A few strong to severe storms possible over **E NM**, the **Panhandles** and **W TX** this evening/tonight; damaging winds, hail and heavy rainfall are possible.
- Elevated to critical fire weather conditions in **W NM** this afternoon/evening

Thursday - Friday

- Elevated fire weather conditions possible across **W NM** on Thursday.

Saturday - Sunday

- Watching an area of low pressure which has a chance of developing somewhere in the central to eastern **Gulf** late this week
 - Regardless of development, areas of heavy rainfall/flash flooding will be possible beginning this weekend across the Central to East **Gulf Coast**, may be as far west as **SE LA**

Tropical Weather Outlook

- A broad surface low centered just east of **Belize** may gradually develop late this week while the system moves slowly into the central or eastern **Gulf of Mexico**
 - Formation chances in 48 hours...low...near 0 percent.
 - Formation chances in 5 days...medium...near 60 percent.

FEMA Region 6 Threat Matrix

May 23, 2018 – May 27, 2018



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	E NM, WTX, Panhandles				
Heavy Rain / Flash Flooding				SE LA	SE LA
Fire Weather	W NM	W NM			
Tropical Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

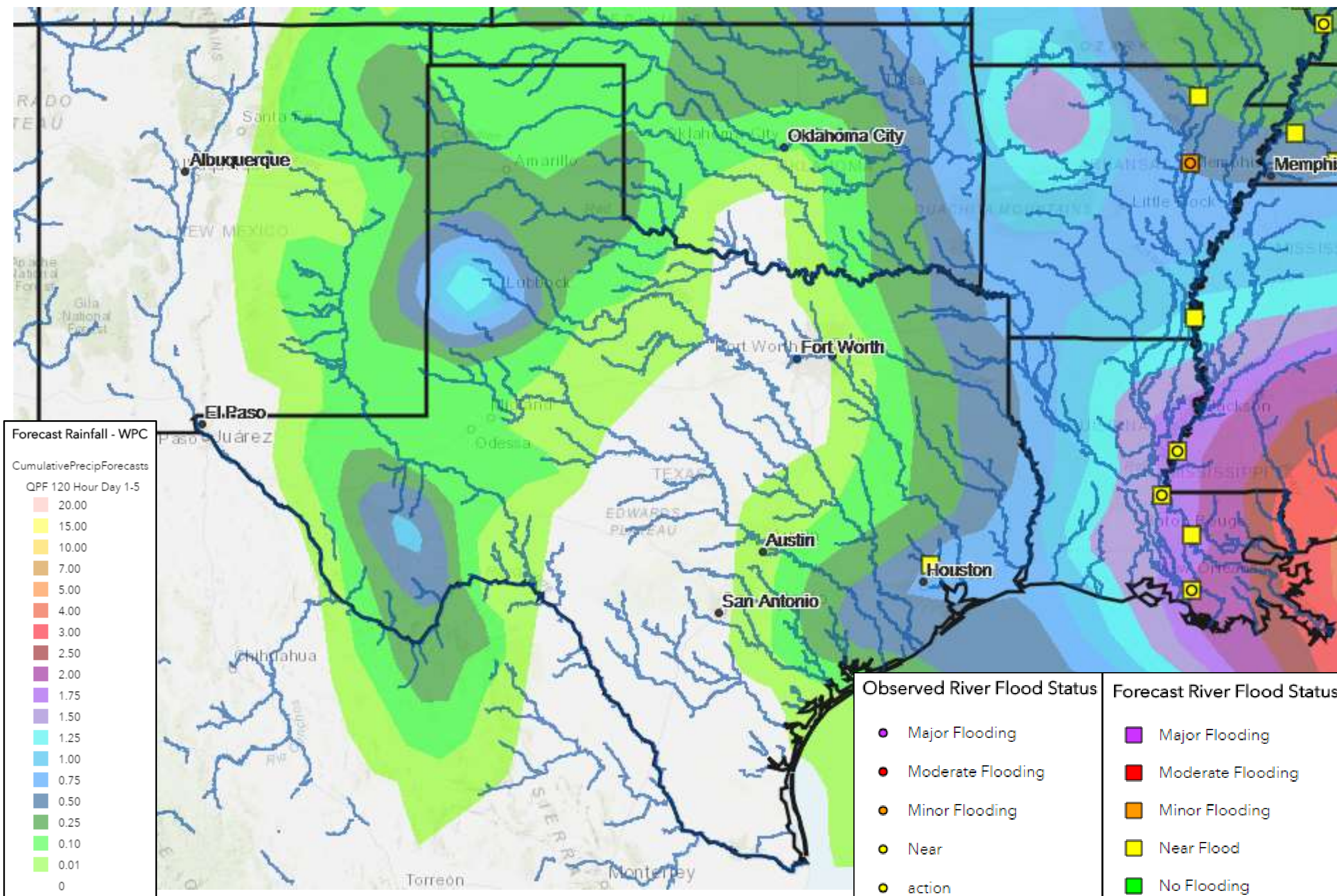
5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

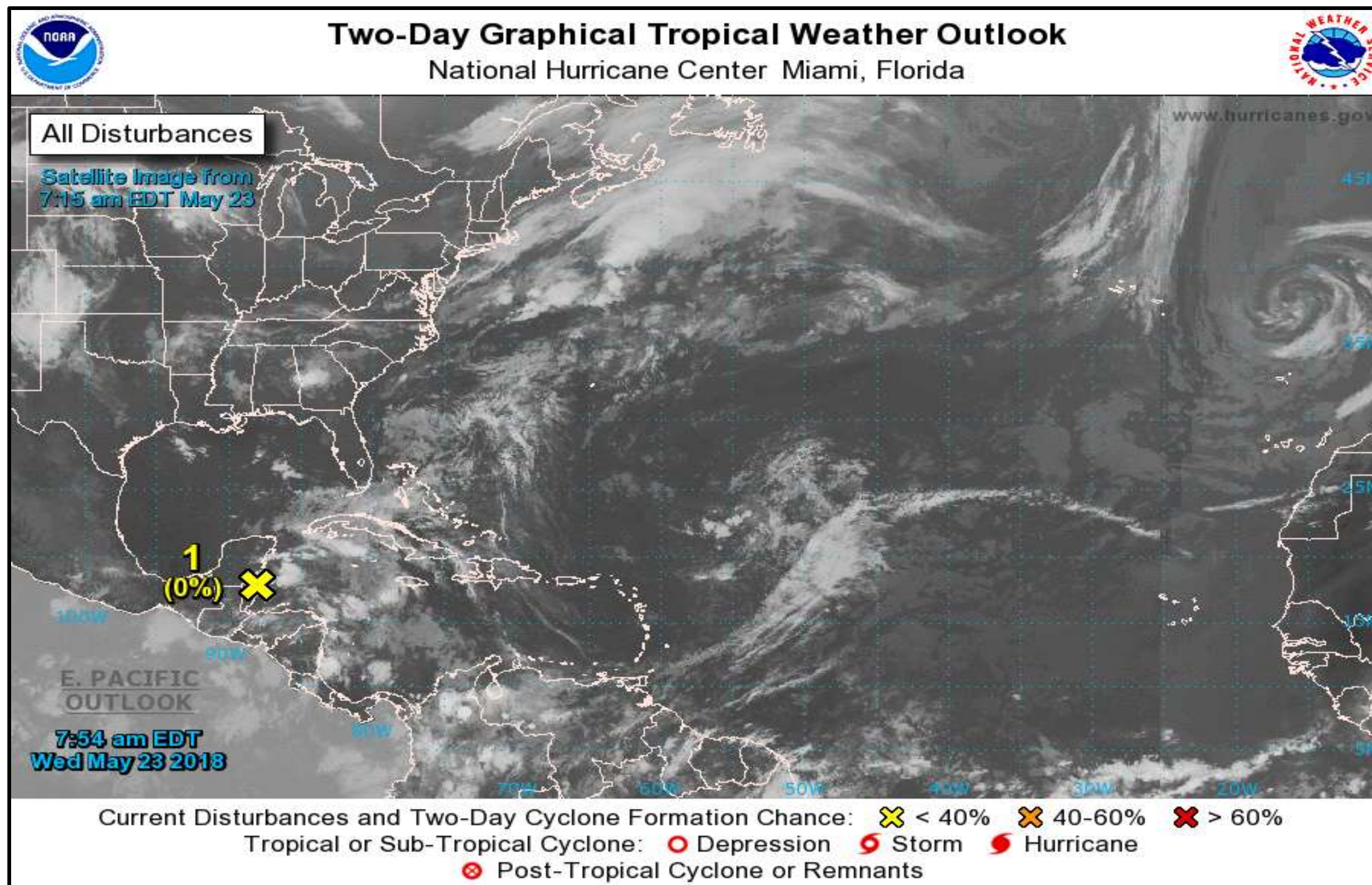
Minor flooding from planned releases continues on the Cache River in AR.



Tropical Weather Outlook



SR ROC
REGIONAL OPERATIONS CENTER



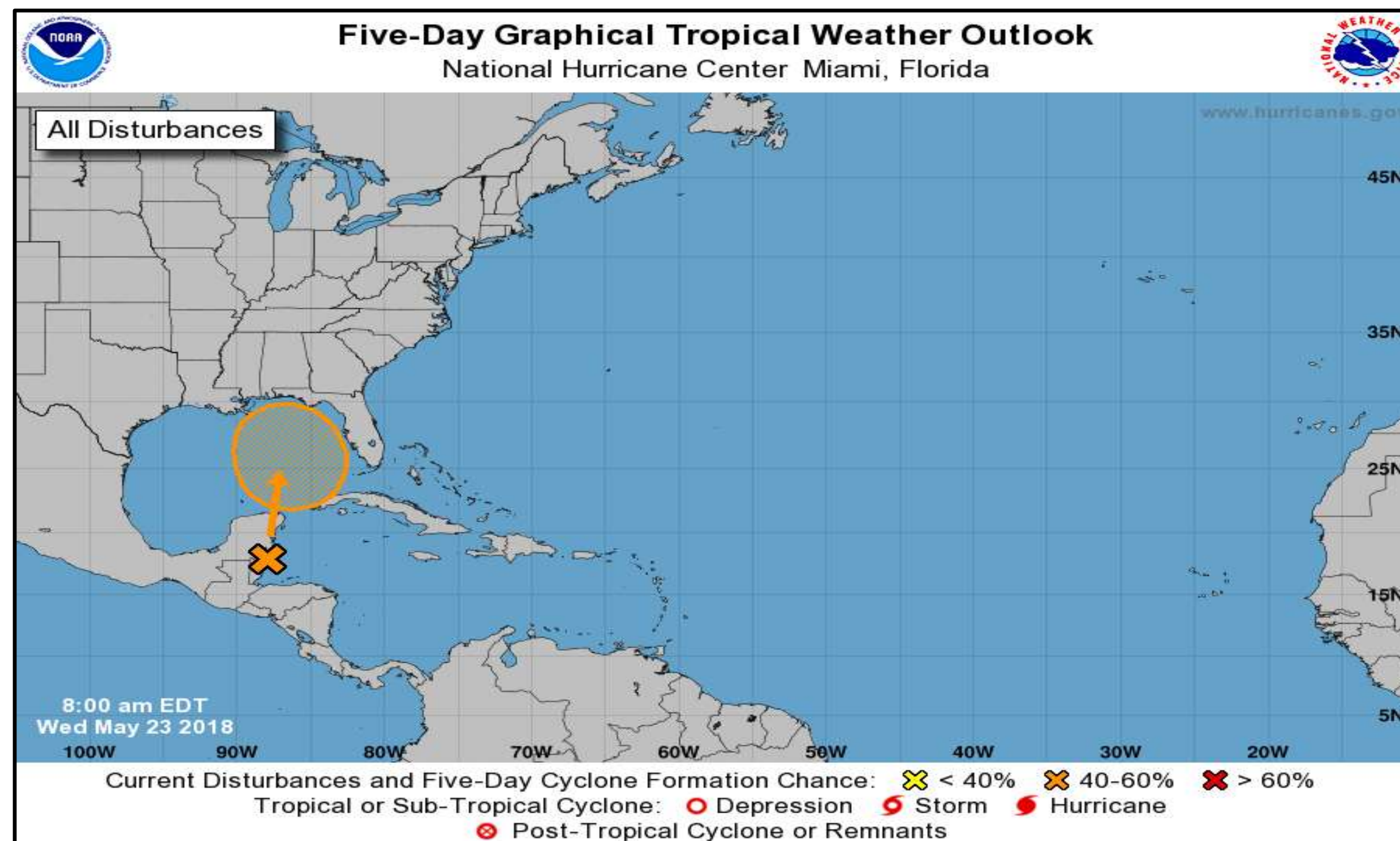
Potential impacts to FEMA Region 6:

Regardless of development, locally heavy rainfall is possible from SE LA through the central Gulf Coast throughout much of Florida for the end of this week into the weekend.

A broad surface low centered just east of Belize is producing a large area of cloudiness and showers extending from the northwestern Caribbean Sea across Cuba and into the FL Peninsula. Little development is expected during the next couple of days, but gradual subtropical or tropical development is possible late this week while the system moves slowly into the central or eastern Gulf of Mexico.

Formation chance through 48 hours...low...near 0 percent.

Formation chance through 5 days...medium...60 percent.

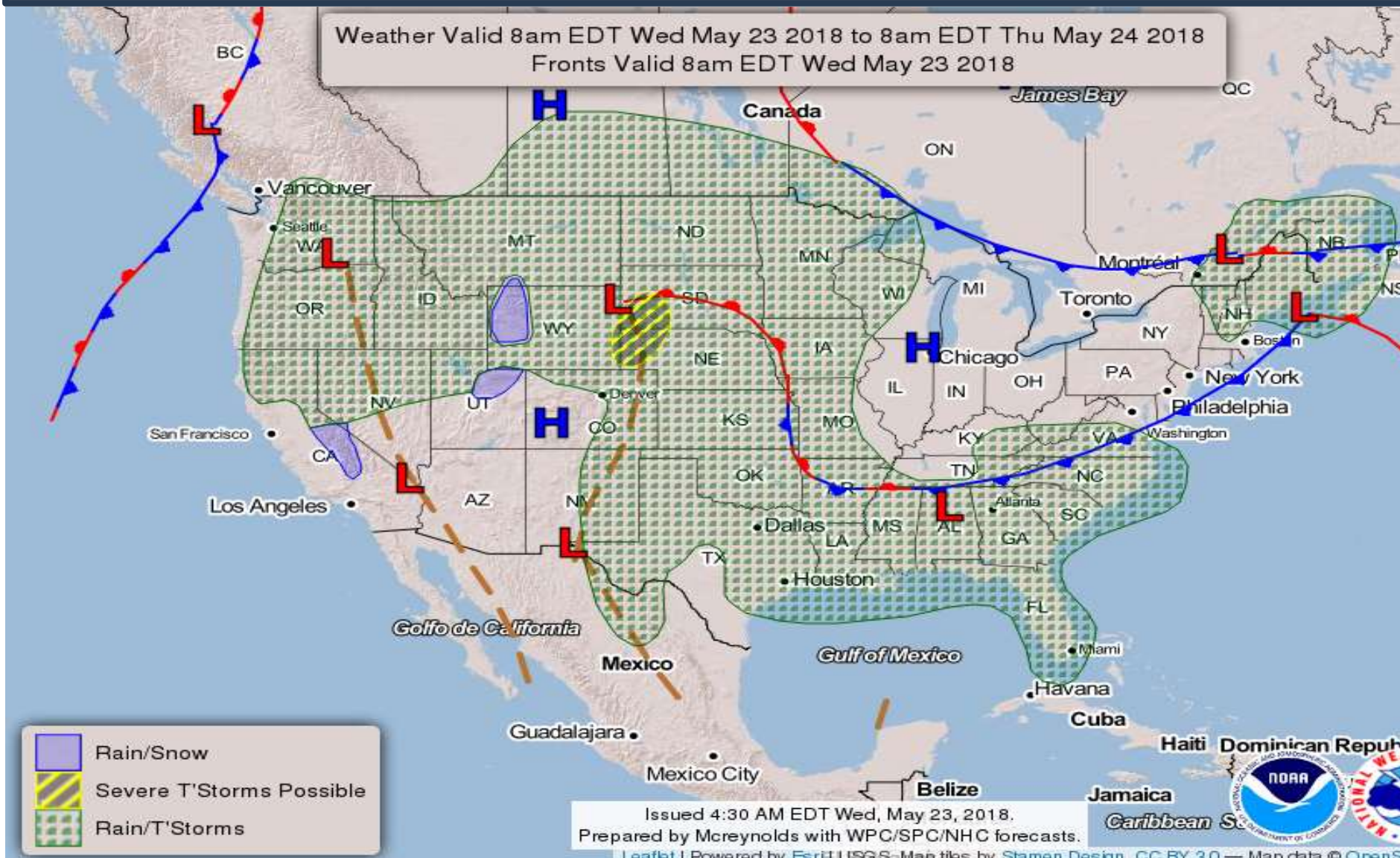


Today's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

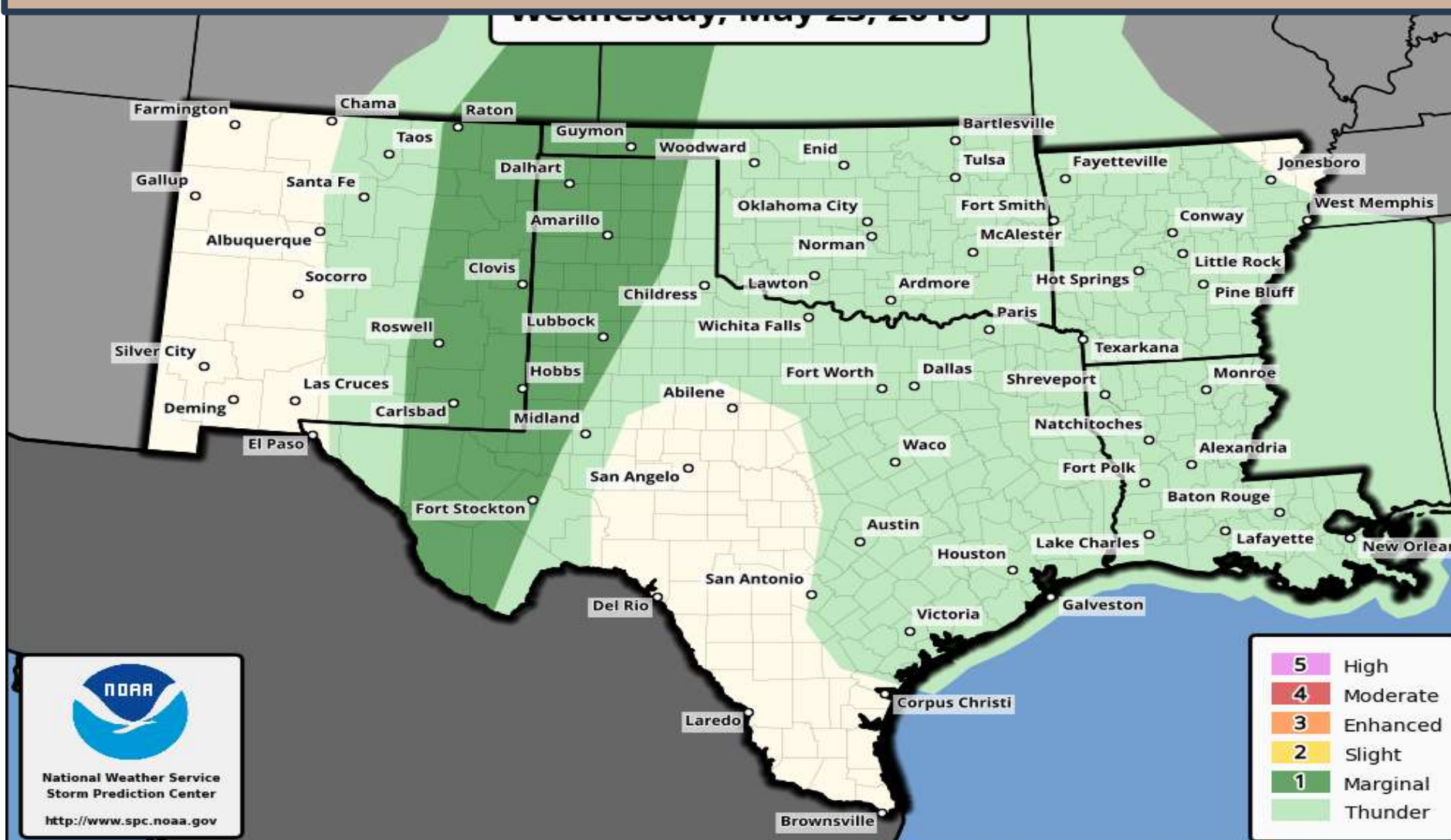


Forecast Rainfall



A few strong to severe storms possible over E NM, the Panhandles and W TX this evening/tonight; damaging winds, hail and heavy rainfall are possible.

Severe Weather Outlook



Excessive Rainfall Outlook



Today's Fire Weather Outlook



SR ROC
REGIONAL OPERATIONS CENTER



Elevated to critical fire weather conditions across W NM.

Tomorrow's Weather

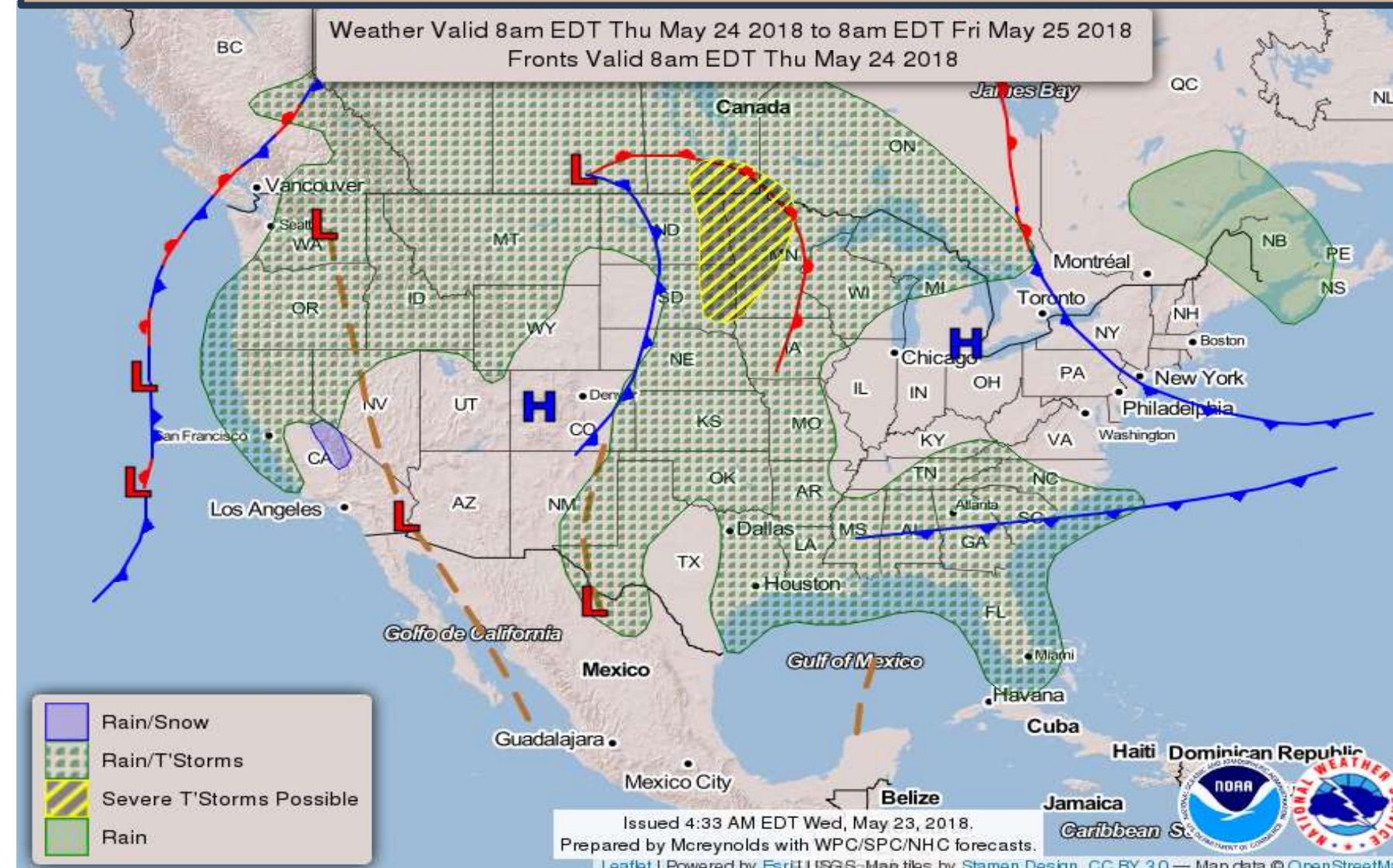


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

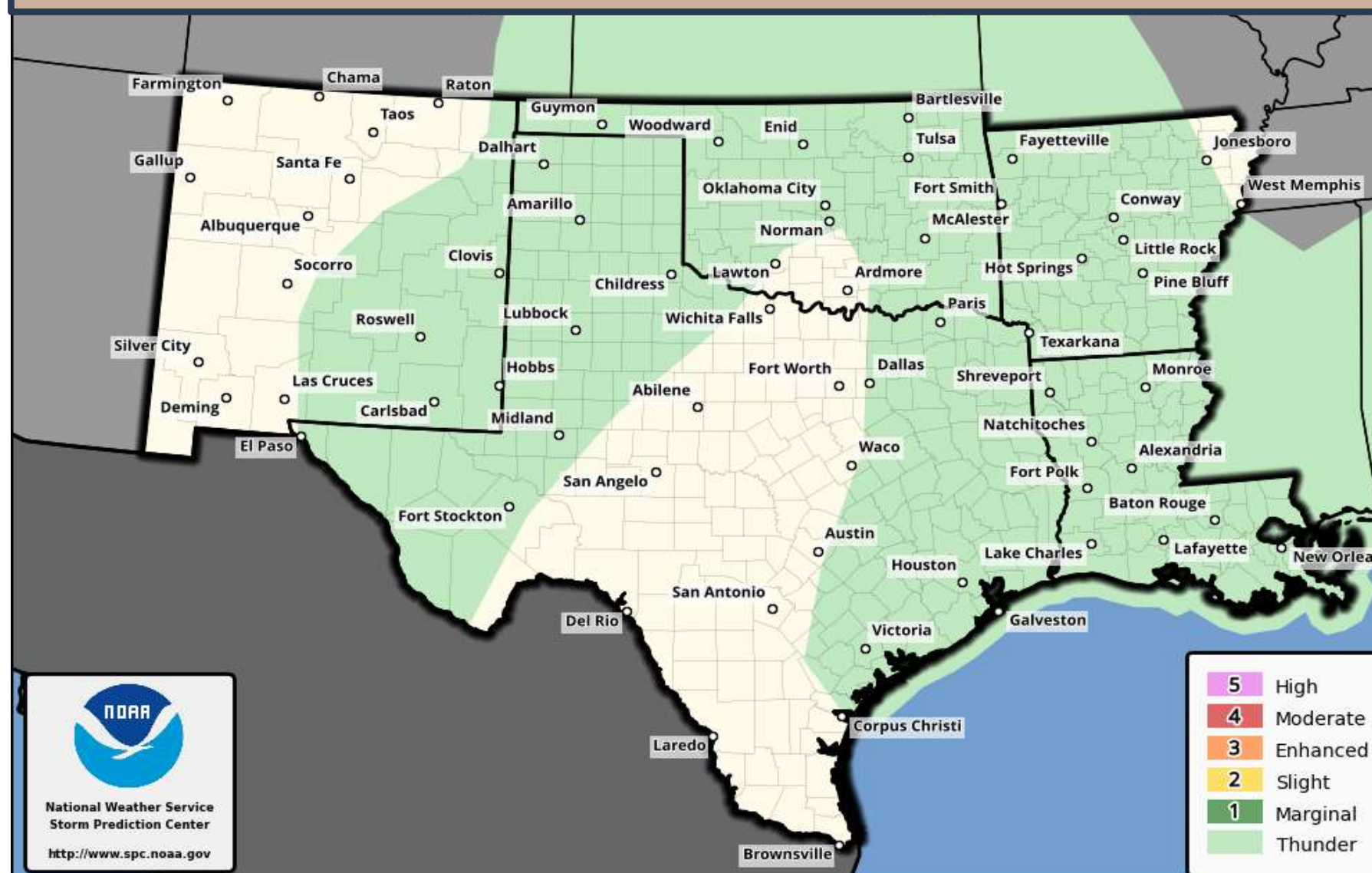
Forecast Rainfall

No significant weather impacts expected.



Severe Weather Outlook

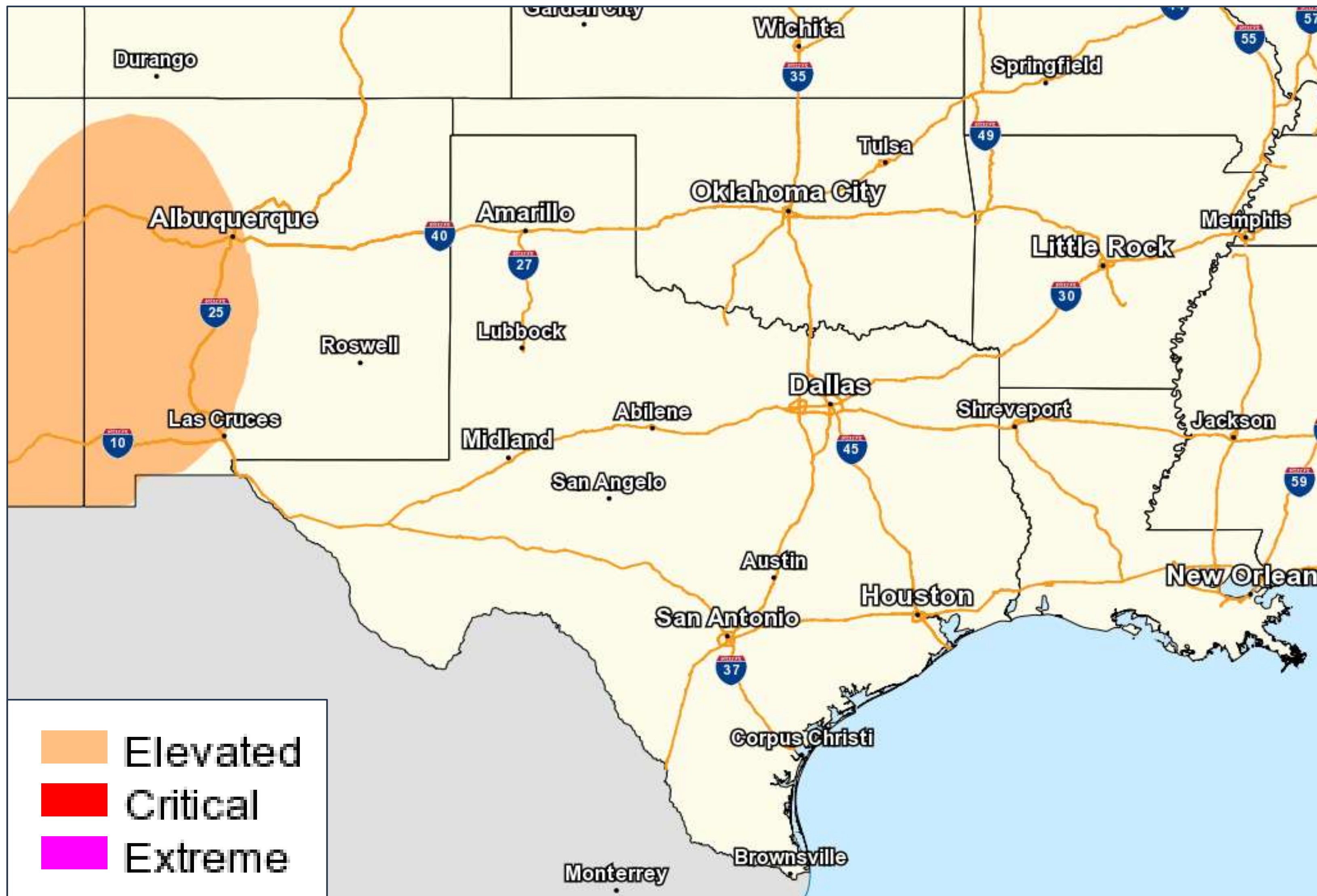
Excessive Rainfall Outlook



Tomorrow's Fire Weather Outlook



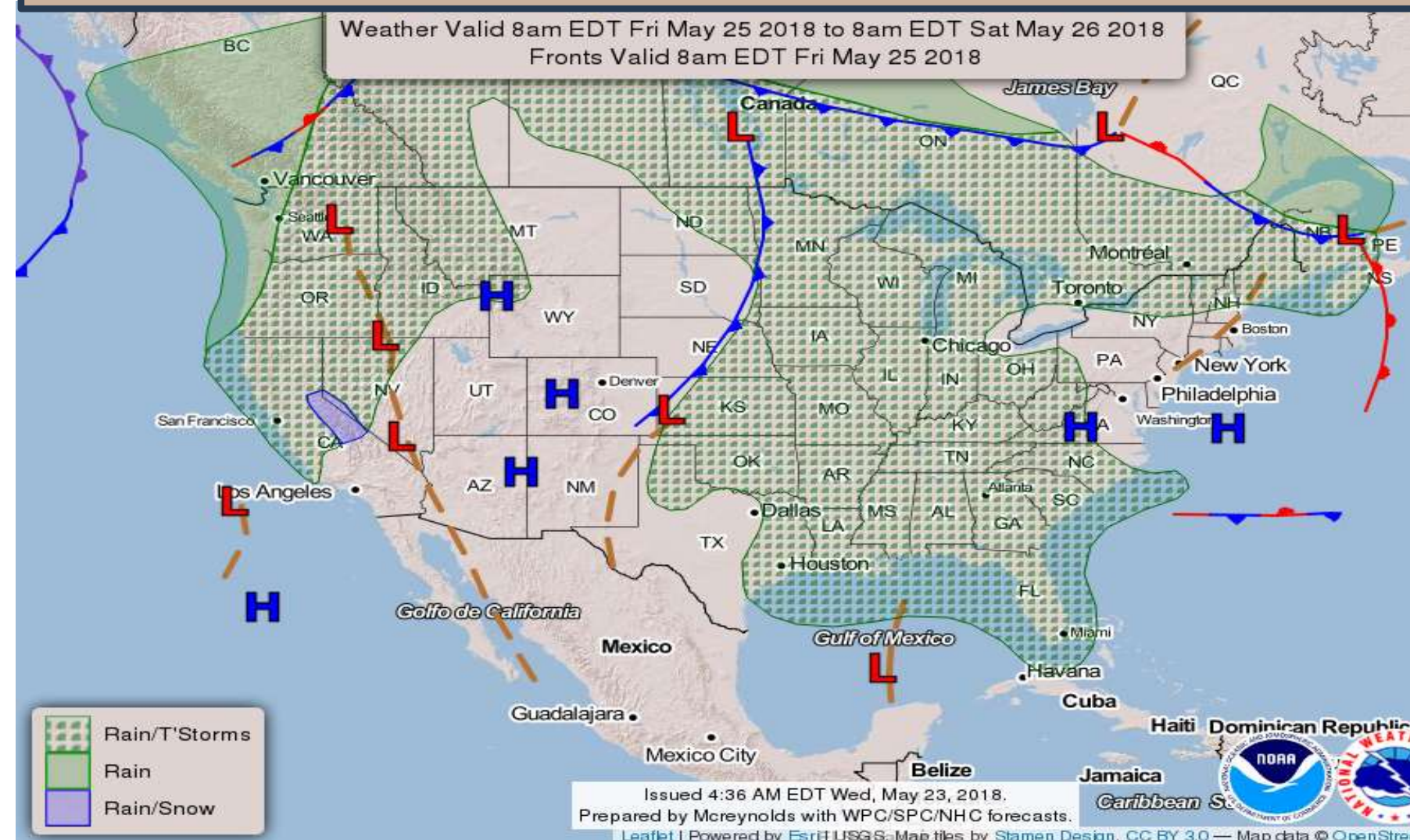
SR ROC
REGIONAL OPERATIONS CENTER



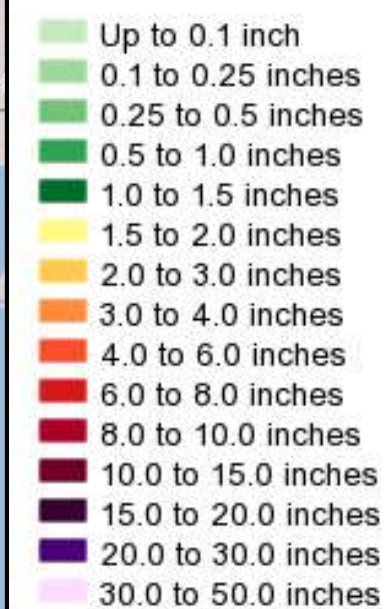
**Elevated fire weather conditions across
W NM.**

Friday's Weather

Forecast Chart



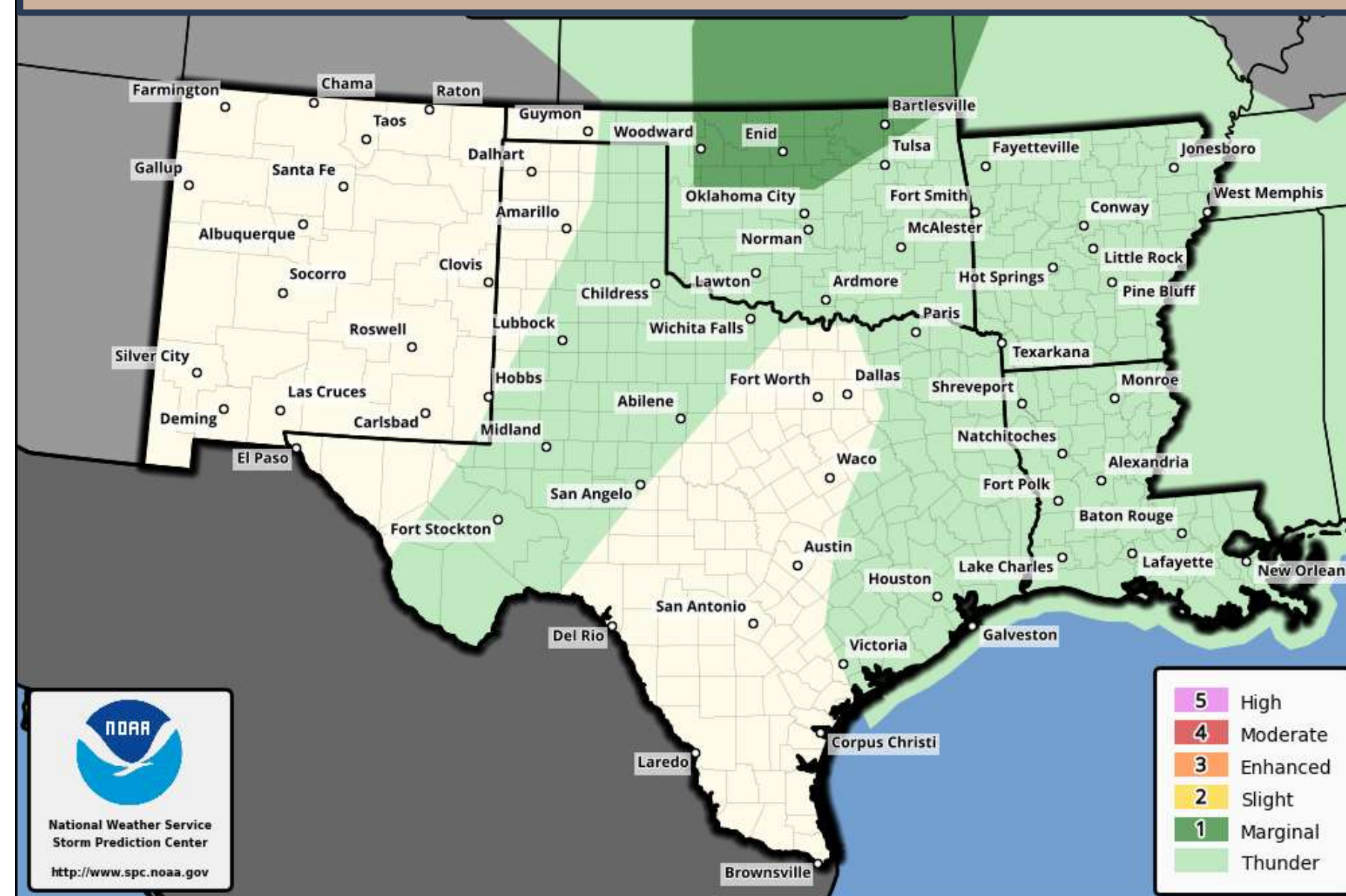
Forecast Rainfall



Graphic Created
May 23rd, 2018

**A few strong to severe storms
over N OK Friday
afternoon/evening; hail and
damaging winds are the main
threats.**

Severe Weather Outlook



Excessive Rainfall Outlook



Graphic Created

Days 4-5 Weather Hazards

Saturday - Sunday



SR ROC
REGIONAL OPERATIONS CENTER



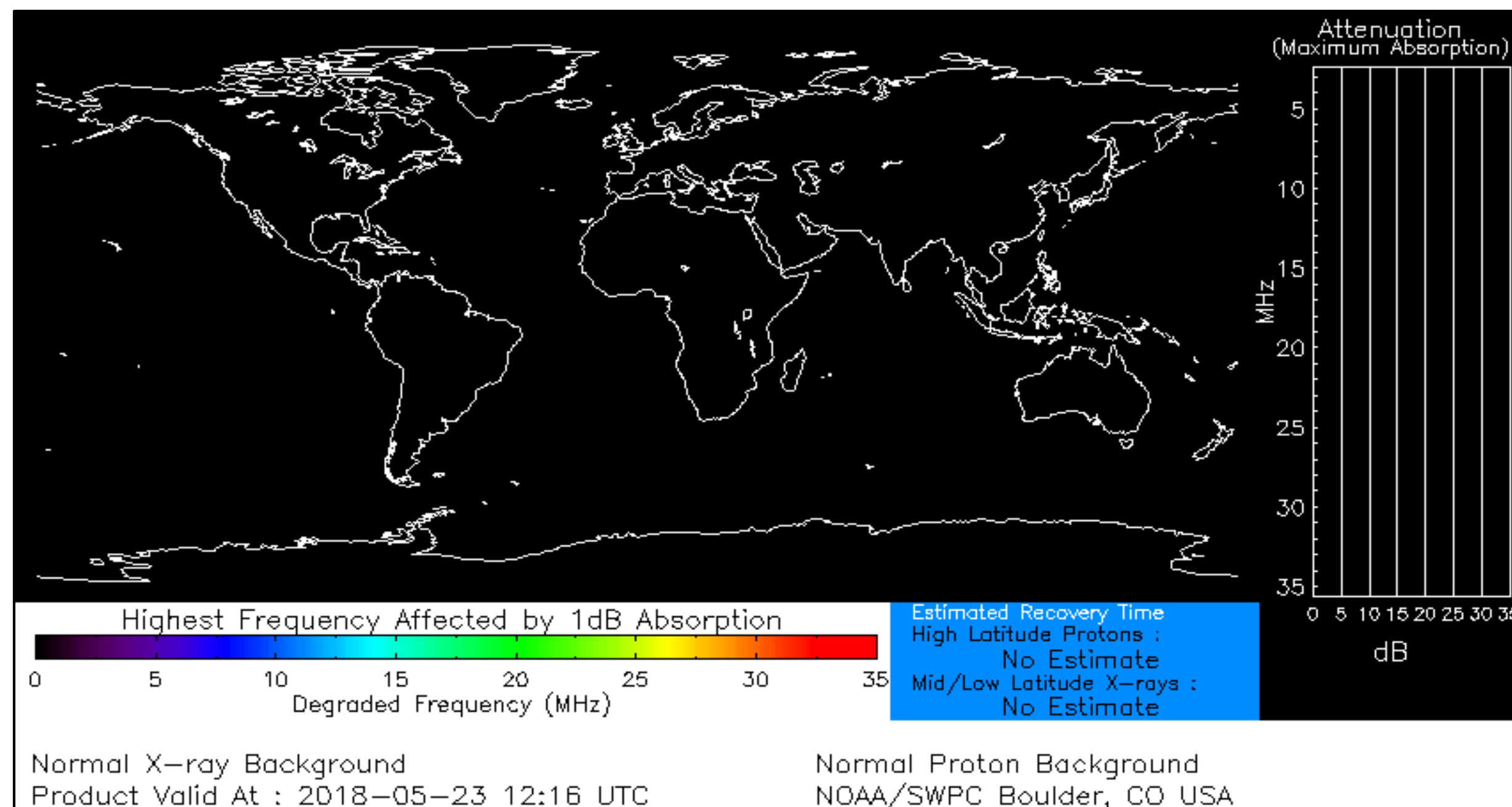
***Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to
the last slide in this briefing.**

Space Weather 3-Day Forecast



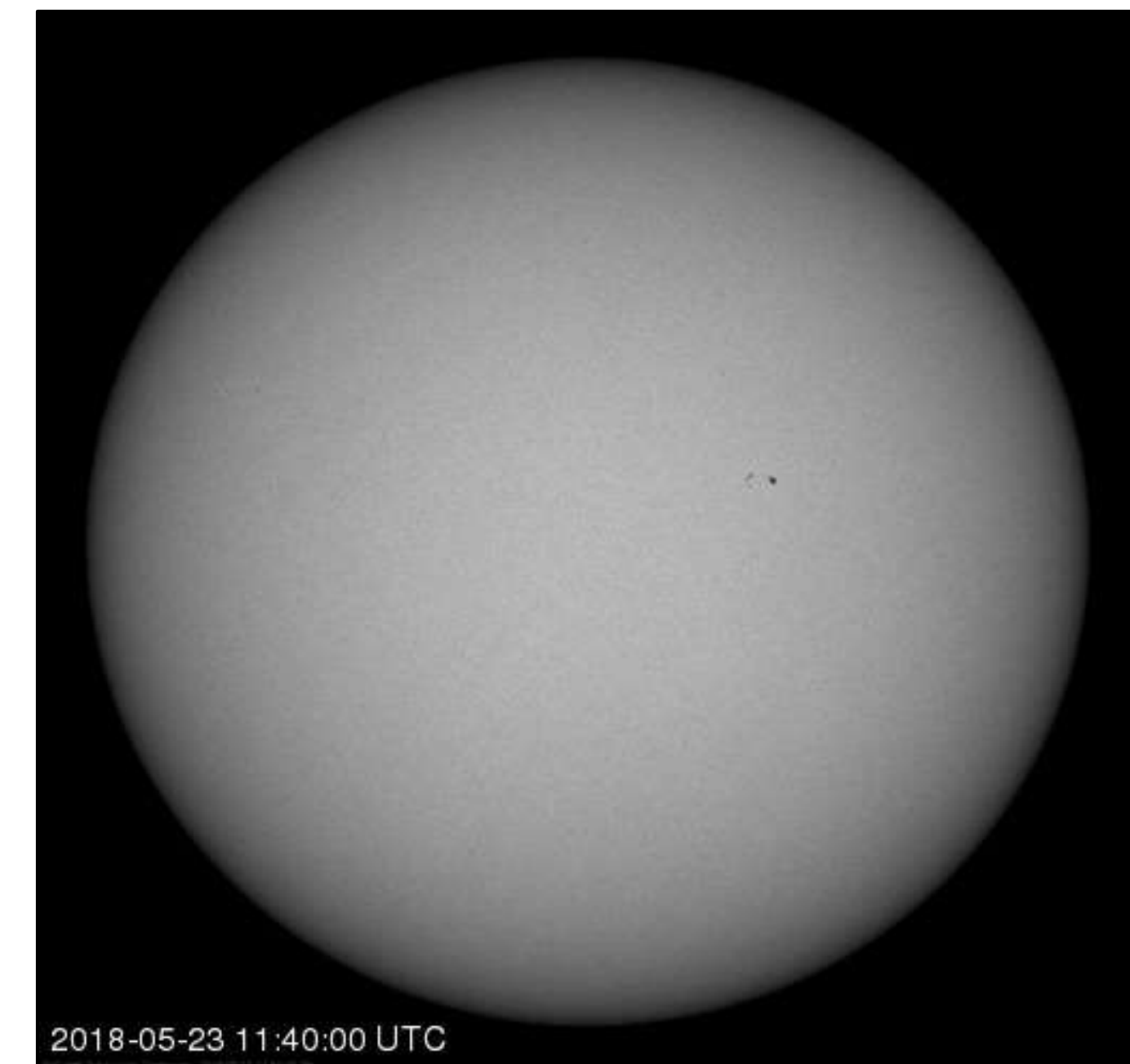
SR ROC
REGIONAL OPERATIONS CENTER

	Wednesday	Thursday	Friday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov